

Waterson, Sara

From: Waterson, Sara
Sent: Wednesday, December 1, 2021 4:02 PM
To: Bradley King
Cc: kyle.spangle@tn.gov
Subject: RE: Tennessee Q3 PM Exceedances

Brad-

Thank you for the update. Given your notes with the exceedances, I would recommend document any supporting information that could be used in an exceptional event request in the future, if needed.

I hope you had a great Thanksgiving as well!

Sara

From: Bradley King <Bradley.King@tn.gov>
Sent: Tuesday, November 30, 2021 3:00 PM
To: Waterson, Sara <Waterson.Sara@epa.gov>
Cc: kyle.spangle@tn.gov
Subject: Tennessee Q3 PM Exceedances

Hi Sara,

I hope you had a nice Thanksgiving holiday! I am reaching out to provide an update to the July PM exceedances previously reported on 07/27/21. A 24-hr exceedance on the Hendersonville (47-165-0007) FRM 2025i was noted during the Q3 data verification/validation process. The exceedance occurred on July 21, 2021 with a concentration of 36.0 mg/m³.

Below is the updated list of Q3 PM exceedances:

Date	Site	Site ID	24-hr Value (mg/m3)	Notes
07/05/21	Clarksville	47-125-1009	50.5	Fireworks
07/21/21	Hendersonville BAM-1022	47-165-0007 (POC 3)	37.8	Wildfire Smoke Event
07/21/21	Hendersonville 2025i	47-165-0007 (POC 1)	36.0	Wildfire Smoke Event
07/22/21	Dyersburg	47-045-0004	37.0	Wildfire Smoke Event
07/22/21	Jackson	47-113-0006	37.6	Wildfire Smoke Event
01/22/21	Columbia	47-119-2007	38.6	Wildfire Smoke Event

Thanks,
Brad



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From: Waterson, Sara <Waterson.Sara@epa.gov>
Sent: Tuesday, July 27, 2021 12:23 PM
To: Bradley King <Bradley.King@tn.gov>
Subject: [EXTERNAL] RE: Tennessee July PM Exceedances

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Hi Brad-

We've heard from a few agencies that they are seeing wildfire smoke. You would flag the data with the AQS qualifier code "IT" for "wildfire-US". We would not act on an exceptional event request unless the data has a regulatory impact. My advice at this point is to flag the data with the informational flag and keep any supporting documentation to make it easy to access in the future, if needed.

Please let me know if you have any additional questions, and thank you for the update on your data.

Sara

From: Bradley King <Bradley.King@tn.gov>
Sent: Tuesday, July 27, 2021 10:28 AM
To: Waterson, Sara <Waterson.Sara@epa.gov>
Subject: Tennessee July PM Exceedances

Good morning Sara,

July has been a tough month for PM monitoring in Tennessee. We had a 24-hr exceedance at our Clarksville PM monitor due to lingering firework smoke, and recently exceeded the 24-hr standard at our Hendersonville, Columbia, Dyersburg, and Jackson sites due to the recent influx of wildfire smoke. Is there any kind of national exceptional event work going on related to the wildfires since they have affected such a large area?

Date	Site	Site ID	24-hr Value (mg/m3)
07/05/21	Clarksville	47-125-1009	50.5
07/21/21	Hendersonville	47-165-0007	37.8
07/22/21	Dyersburg	47-045-0004	37.0
07/22/21	Jackson	47-113-0006	37.6
01/22/21	Columbia	47-119-2007	38.6

Thanks,
Brad



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